

ABSTRACT OF THE DISCLOSURE

A communication cable which takes the form of an elongated flexible conductor which has mounted at one end thereof a transmitting connector and at the opposite end thereof a receiving connector. The conductor has integrally mounted therein a plurality of optical fibers and a plurality of electrical wires. The transmitting connector includes a light emitting device for each optical fiber and a flexible printed circuit board holding electronic circuitry for converting electrical signals into optical signals. Further, the transmitting connector has an electrical interface accessible by the user. The receiving connector includes a photodetector for each optical fiber and also a flexible printed circuit board holding electronic circuitry for converting optical signals back to electrical signals. The receiving connector also has an electrical interface accessible by the user.